

ESULT 4

ABU52249

ID ABU52249 standard; protein; 119 AA.

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AC ABU52249;

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DT 07-MAY-2003 (first entry)

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DE Helicobacter pylori selected interacting domain (SID) protein #1593.

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KW Protein-protein interaction; ulcer; selected interacting domain; SID.

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OS Helicobacter pylori.

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PN WO200266501-A2.

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PD 29-AUG-2002.

XX

PF 28-DEC-2001; 2001WO-EP015428.

XX

PR 02-JAN-2001; 2001US-0259302P.

XX

PA (HYBR-) HYBRIGENICS.

PA (INSP ) INST PASTEUR.

XX

PI Legrain P, Rain J, Colland F, De Reuse H, Labigne A;

XX

DR WPI; 2002-674910/72.

DR N-PSDB; ABX66994.

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PT New complexes of protein-protein interactions in Helicobacter pylori,

PT useful for identifying modulating compounds for treating or preventing

PT ulcers in mammals.

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PS Claim 6; Page 477; 642pp; English.

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CC The invention describes a complex of protein-protein interactions in

CC Helicobacter pylori selected from 421 complexes given in the

CC specification. The complex of protein-protein interactions are useful for  
CC screening for agents which modulate the interaction of proteins.

CC Modulating compounds which binds to a targeted bacterial protein may be  
CC used for treating or preventing ulcers in a human or animal. This is the

CC amino acid sequence of a selected interacting domain (SID), identified  
CC via protein-protein interactions. Note: Where the patent number printed

CC at the top of the pages in the specification has obscured areas of

CC protein sequence, the indexer has replaced the residue with an X to

CC represent an illegible residue

XX

SQ Sequence 119 AA;

Query Match 40.5%; Score 589; DB 5; Length 119; out of 285 for full length protein

Best Local Similarity 100.0% ; Pred. No. 2.3e-36;

Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 150

EAKEKSAPKQVTTKDIVKEKDKQEESENKTSEGATSEAQAYNPGVSNEFLMKIQT

AISSKN 209

|||||

Db 1

EAKEKSAPKQVTTKDIVKEKDKQEESENKTSEGATSEAQAYNPGVSNEFLMKIQT

AISSKN 60

Qy 210

RYPKMAQIRGIEGEVLVSFTINADGSVTDIKVVKSNTTDILNHAALEAIKSAHLF

PKP 268

|||||

Db 61

RYPKMAQIRGIEGEVLVSFTINADGSVTDIKVVKSNTTDILNHAALEAIKSAHLF

PKP 119